



Engineering Services Committee Meeting

Meeting Date: August 12, 2025

Construction Services for Lake Sediment Dredging – Turknett Spring

RFP ITEM #20-224

File Reference: 24-014 (A)

Department:	Engineering & Environmental Services
Presenter:	Dr. Hameed Malik, Director
Caption:	Approve Supplementing Construction Contract of Sediment Dredging and Disposal Construction Services to Waterfront Property Services, LLC Waterfront Property Services, LLC dba Gator for continuation of sediments dredging and including Turknett Spring Sediment Basin area (Task Order 2). Also approve supplemental funding in the amount of \$1,150,000.00 for Turknett Spring Sediment Basin Task Order 2 dredging activities. AE/ RFP 20-224
Background:	On November 4, 2020, Augusta Commission awarded waterbodies sediments dredging & disposal contract to Gator Dredging. Augusta Engineering tasked Gator Dredging to dredge sediments from Upper & Lower Lake Olmstead followed by Warren Lake. Tasks also included sediment disposal site preparation, operation & maintenance and stabilization of disturbed areas. All this work is substantially completed with exception of placing two-ft (2') clean dirt cap over disposed dredged material. Turknett Spring is another waterbody serving as sediment basin (basin) for Highland Water Treatment Plant filter backwash discharge under a regulatory NPDES Permit. This basin also needing sediments removal to regain its sediment storage capacity and avoid regulatory non-compliance potential enforcement. On September 17, 2024 Augusta Commission authorized & approved supplementing Turknett Spring sediment dredging to in progress lake sediment dredging & disposal contract.
Analysis:	Task Order one authorization covered removal of roughly up to 50,000 cubic yards of sediments. This estimation was based on dredged sediment holding cells capacity initial assessment, although to be removed deposited sediments volume was much higher. It is determined now that holding cells has additional capacity and additional sediments removal is needed. It is AE determination that continuity of sediment removal as Task Order 2 from Turknett Spring is cost effective way to complete the removal in a timely manner and keep facility discharge in compliance with its permit.
Financial Impact:	Funds in amount of \$1,150,000.00 (AUD/\$862,500.00 + AE/287,500.00) available in following accounts.

1) Augusta Utilities: 516043410-5422510/ 80170150-5422510

2) Augusta Engineering: Engineering SPLOST8-Lake Dredging & Maintenance.

Alternatives:

1). No Alternate proposed. Continuity of services for sediments removal at Turknett Spring Basin is essential for its regulatory permit compliance.

Recommendation:

Approve Supplementing Construction Contract of Sediment Dredging and Disposal Construction Services to Waterfront Property Services, LLC Waterfront Property Services, LLC dba Gator for continuation of sediments dredging and including Turknett Spring Sediment Basin area (Task Order 2). Also approve supplemental funding in the amount of \$1,150,000.00 for Turknett Spring Sediment Basin Task Orde 2 dredging activities. AE/ RFP 20-224

Funds are available in the following accounts:

\$1,150,000 (\$862,500) 516043410-54.22510 / 80170150-54.22510 – AUD funds
(\$287,500) 330-041140-54.14910 – SPLOST 8 Lake & Dredging
Maintenance

REVIEWED AND
APPROVED BY:

HM/sr